

From glowbugs@theporch.com Sun Sep 29 18:18:09 1996
Return-Path: <glowbugs@theporch.com>
Received: from uro (localhost.theporch.com [127.0.0.1]) by uro.theporch.com
(8.8.0/AUX-3.1.1) with SMTP id SAA10440; Sun, 29 Sep 1996 18:12:44 -0500 (CDT)
Date: Sun, 29 Sep 1996 18:12:44 -0500 (CDT)
Message-Id: <199609292312.SAA10440@uro.theporch.com>
Errors-To: conard@tntech.campus.mci.net
Reply-To: glowbugs@theporch.com
Originator: glowbugs@theporch.com
Sender: glowbugs@theporch.com
Precedence: bulk
From: glowbugs@theporch.com
To: Multiple recipients of list <glowbugs@theporch.com>
Subject: GLOWBUGS digest 306
X-Listprocessor-Version: 6.0c -- ListProcessor by Anastasios Kotsikonas
X-Comment: Please send list server requests to listproc@theporch.com
Status: 0

GLOWBUGS Digest 306

Topics covered in this issue include:

- 1) Re: QRP?
by wb8ygg@juno.com (Bradley S. Mitchell)
- 2) "free" parts
by sigcom@juno.com (Stephen M Smith)
- 3) WTB: "Hints & Kinks" 3rd & 4th Editions
by "James P. Rybak" <jrybak@mesa5.Mesa.Colorado.EDU>
- 4) List Charter?
by "M. Monninger" <markem@primenet.com>
- 5) Where is it??
by Dean Marzocca <n2tnn@ifu.net>
- 6) Output from 5Y3 P.S.
by mjsilva@ix.netcom.com (michael silva)
- 7) Re: Where is it??
by Jeffrey Herman <jherman@hawaii.edu>
- 8) "PisWeakers"
by bhopkins@polarnet.com (Bruce Hopkins - KL7JAF)
- 9) RE: QRP with tubes
by john <johnmb@mindspring.com>
- 10) QRPTube Rig
by pelt@vt.edu (Randy Pelt)
- 11) Re: QRP & tubes, club meeting
by Jim Stafford-W4QO <w4qo@america.net>
- 12) CQ Bob Roach
by Jeffrey Herman <jherman@hawaii.edu>

Date: Fri, 27 Sep 1996 16:23:05 est
From: wb8ygg@juno.com (Bradley S. Mitchell)
To: sigcom@juno.com
Cc: glowbugs@theporch.com
Subject: Re: QRP?
Message-ID: <19960927.162306.11775.0.WB8YGG@juno.com>

Hi you Tube types.

Geesh, I thought that I would be able to start buying Greenlee hole punches at garage sales soon, but you all are trying to stir this up.. :-).

Oh well, I have been looking through the old handbooks and found that in QST they used to have QSL sized QRP rigs. (100 w) or less. I don't think they actually called them qrp rigs, but I stored away an article for future use. Of course the QSL size was the chassis for the TX only, not the supply too!

One of these years, I'll get back to the tubes, but I'm still on the transistor fling right now.

Have fun!

73 Brad WB8YGG

On Sat, 28 Sep 1996 14:41:17 -0500 (CDT) sigcom@juno.com (Stephen M Smith) writes:

>Correct me if I'm wrong, but in the tube days, wasn't anything 100
>Watts
>input or less considered QRP? I don't think it was until the solid
>state
>days that QRP days that it got reduced to 5 Watts output.
>
>73.....Steve, WB6TNL
>

Date: Sat, 28 Sep 1996 16:36:37 EDT
From: sigcom@juno.com (Stephen M Smith)
To: glowbugs@theporch.com
Subject: "free" parts
Message-ID: <19960928.100130.8311.10.sigcom@juno.com>

Hi gang,

If you've seen my posts on QRP-L, you know I'm always on the lookout for places and equipment to scrounge parts from.

As the owner of a two-way radio shop, I see all kinds of old tube gear just sitting around gathering dust and being thrown into the dumpster. With this recent surge in interest in building QRP stuff using tubes, it got me to thinking what old 2-way gear would be "scroungable".

The first radios that came to mind for aquiring alot of parts to build a C.W. transmitter are the General Electric MASTR Professional series radios. These FM two way radios were manufactured in the 1970's and are hybrid jobs with solid state receivers and excitors and tube drivers and finals. The mobile variety have a transistorized 12 Volt switcher type power supply for the H.V.. There are still quite a number of these old beasts still in service, but they are rapidly being retired. Alot of these radios show at the swap meets or are taking up room in two-way shops but nobody wants them. That's good for you folks who want to build transmitters with tubes.

In my opinion, the low band (30-50 mHz) versions of the MASTR Pro. show the best promise for parts for an H.F. CW rig. These units come in two 'flavors', 50 Watts and 100 Watts output. The tubes are pretty nice. The driver in either radio is a 8106 which is a 9 pin pentode with a 12 volt filament. The final is either a single 7984 (50 Watt radio) or 2 push-pull 7984s (100 Watt radio) which is a Compactron with a 12 Volt filament. The 7984 has lots of transconductance and would make good power on HF even with moderate plate supply. I think that the combination of these two tubes would make a great little CW rig. The neat thing about scrounging from the MASTR Pro. is all the other parts that are there. There are ceramic tubes sockets, ceramic HC-6 type crystal sockets, various Johnson air trimmers, 1/2 watt resistors, silver mica capacitors, other air variables, and slug tuned coils, etc. The power supply has H.V. silicon rectifiers. The 100 Watt radio has a split stator variable capacitor in the P.A. tank which could be paralleled in a single ended amplifier to resonate the tank on HF.

There are other models and brands of old tube FM radios that are scroungable. I'll investigate these and report on them.

So troll the swaps or make friends with you local two-way dealer. You might be able to con him out of some of those radios for free. Believe me, he needs the space!

Good luck and good scrounging.

73.....Steve, WB6TNL

Date: Sat, 28 Sep 1996 17:16:49 -0600 (MDT)
From: "James P. Rybak" <jrybak@mesa5.Mesa.Colorado.EDU>
To: Glowbugs <glowbugs@theporch.com>
Subject: WTB: "Hints & Kinks" 3rd & 4th Editions
Message-ID: <Pine.SV4.3.91.960928171612.15079G@mesa5.mesa.colorado.edu>

I would like to buy one copy each of ARRL's "Hints and Kinks for the Radio Amateur," both the 3rd and 4th editions. I want them to be in very good condition or better (covers intact and not about to fall off, no missing or torn pages, not marked up, etc.)

Please contact me directly by e-mail.

Thanks.

Jim Rybak W0KSD

Date: Sat, 28 Sep 1996 20:27:58 -0700 (MST)
From: "M. Monninger" <markem@primenet.com>
To: glowbugs@theporch.com
Subject: List Charter?
Message-ID: <1.5.4.32.19960928202830.003201bc@mailhost.primenet.com>

I recently subscribed to the glowbugs list. Sounds like some interesting things being discussed but exactly what is the list's charter? An "info glowgugs" to the listproc returns a blank message.

Just don't want to irritate the list gods...

Thanks & 73... Mark AA7TA

Date: Sun, 29 Sep 1996 00:35:50 -0400
From: Dean Marzocca <n2tnn@ifu.net>
To: glowbugs@theporch.com
Subject: Where is it??
Message-ID: <324DFCA6.5839@ifu.net>

OK guys,

It's been a few days and all talk. Where is the schematics or the kits or the parts to get one of these little rigs off the ground. Lets get over the back slapping and get down to the nitty gritty. (we say those things here in NJ) I have never seen one and would like to get the particulars!!!

Hope someone can help.

72, Dean

Date: Sat, 28 Sep 1996 22:45:33 -0700
From: mjsilva@ix.netcom.com (michael silva)
To: glowbugs@theporch.com
Subject: Output from 5Y3 P.S.
Message-ID: <199609290545.WAA13654@dfw-ix7.ix.netcom.com>

Somebody mentioned their rig used a 5Y3 rectifier (can't say who since I'm trying out some new software and managed to erase -all- the new messages!) so I took a look in the tube manual -- first time I've looked at one of those rectifier graphs in anger. Turns out the numbers reported (from memory) match up very well with the databook. At 470 Vct (235 per plate) the output of a choke-input filter will be right around 175V at 30mA, and it will climb up to a little over 300 no-load. So, yep, you did make all those contacts with 5W input!

Also, regarding building rigs on cake pans, I've got a reprint of a '30s book around here somewhere that shows Joe Radio building a rig on a cake pan and otherwise messing up the kitchen while the Master of the Kitchen approaches with a rolling pin in her hand...nothing new under the sun, eh?

73,
Mike, KK6GM

Date: Sat, 28 Sep 1996 20:16:56 -1000
From: Jeffrey Herman <jherman@hawaii.edu>
To: Dean Marzocca <n2tnn@ifu.net>
Subject: Re: Where is it??
Message-ID: <Pine.GSO.3.93.960928201137.19743D-100000@uhunix5>

One source is the 60s and early 70s ARRL Handbook. My '72 edition had a 6T9 single tube xmtr in it; if a 6T9 ever falls in my lap

I'll surely build one.

Another source is a college/university library; they might have older ham projects books which will contain some easy-to-build xmtrs.

Another source is our resident Elmer, Boatanchor Bob NA4G. He's got some early xmtrs in the archives either on here or over on the BA list. (Bob, where dey be at?)

73,
Jeff KH2PZ / KH6

Date: Sun, 29 Sep 1996 00:13:08 -0800
From: bhopkins@polarnet.com (Bruce Hopkins - KL7JAF)
To: glowbugs@theporch.com
Subject: "PisWeakers"
Message-ID: <v01540b01ae73de85adf0@[204.119.24.100]>

Hi Gang...

Did a search and found the URL for the PisWeaker's page so here it is...

http://www.localnet.com/~walsov/PisWeakers/guidelines_pw.html#We

Lot of stuff to check out here so give her a bleary eyed squint...

We had our local hamfest here in Fairbanks today and it was a bust trying to find parts for my hollow state rig... Time to call for a catalog and keep my eyes out at the dumpster for a tube tye tv...

Take care, and have fun...

72/73/oo's - Bruce * KL7JAF

EMPS QS0s=0 STATES(w/c)=0/0 DX=0
QRP Web Page: <http://www2.polarnet.com/~bhopkins>

"Every Man should learn to play the Flute,
but not well..."

Date: Sun, 29 Sep 1996 06:42:03 -0400 (EDT)
From: john <johnmb@mindspring.com>
To: fbsnyder@mail04.mitre.org, glowbugs@the porch.com
Subject: RE: QRP with tubes
Message-ID: <2.2.16.19960929064311.369fb832@pop.ral.mindspring.com>

At 06:30 AM 9/28/96 -0500, you wrote:

>Good Morning Brian!
>
>Put me on your distribution.
>
>There's plenty of interest -- there's even a "Glowbugs" list devoted to such
>things.
>
>Also, check out the BA and Glowbug archives -- the NA4G directory
>has updated plans for a 160 or 80 Meter Hartley Oscillator as presented by the
>legendary George Grammer in QST in the late '30s.

If you'd like to surf Bob's rigs, point your browser
to the RADIO ROOM area of my web page, and you'll see some
dozen of pics of NA4G's fine rigs.

<http://www.mindspring.com/~johnmb/>

73
/John

-----+
| John Brewer johnmb@mindspring.com |
| WB50AU/4 AMI #24 Clayton, NC |
| Vintage Gear web page: <http://www.mindspring.com/~johnmb/> |
+-----+

Date: Sun, 29 Sep 1996 09:37:08 -0400

From: pelt@vt.edu (Randy Pelt)
To: glowbugs@theporch.com
Subject: QRPTube Rig
Message-ID: <199609291337.JAA17876@sable.cc.vt.edu>

Really have enjoyed the comments about qrp tube rigs since I tuned into this net. Brings back a lot of old memories. For those of you who might be interested, theres a neat, simple qrp tube transceiver for 80m in the July 73 QST. I scrounged most parts for this rig about ten years ago.

This group has rekindled the tube spark in my blood again, so I guess I'll have to break down and finally build this little critter.

73

Ranson J. Pelt
W4WYT
pelt@vt.edu

--JAA16184.844004041/quackerjack.cc.vt.edu--

Date: Sun, 29 Sep 1996 18:48:03 -0400 (EDT)
From: Jim Stafford-W4QO <w4qo@america.net>
To: glowbugs@theporch.com
Subject: Re: QRP & tubes, club meeting
Message-ID: <Pine.SOL.3.91.960929184423.24222C-100000@atl1>

Tubes or what have you, this is a notice that the NoGaQRP - North Georgia QRP - will be holding their fall meeting in Atlanta at the Morrison's cafeteria on North Druid hills just south of I-85. Beginning at 11 AM, we like to hear from anyone building rigs, tube or ?? If you have one you would like to bring, do so. for the show and tell. CU there.

Jim Stafford, W4QO NoGaQRP Group + RadioActive Schools(sm) -
11395 West Road Using amateur radio as
Roswell, GA 30075-2122 a teaching tool in north
770-993-9500 Georgia area schools.
Internet: w4qo@america.net Packet:W4QO@WA4BR0.#atl.ga.usa.na
QRP-L #267 QRP-QRCI #6515 G-QRP #5588 MiQRP #897 NorCal #1092 CQC #307

Date: Sun, 29 Sep 1996 13:09:29 -1000
From: Jeffrey Herman <jherman@hawaii.edu>
To: Glowbugs List <glowbugs@theporch.com>
Subject: CQ Bob Roach
Message-ID: <Pine.GSO.3.93.960929130634.12817C-100000@uhunix5>

BR BR BR DE KH2PZ KH2PZ BT

This is a test to see if Bob is hooked up to the list.

QUM DE KH2PZ VA dit dit

(VA is the maritime version of SK)

NNNN

End of GLOWBUGS Digest 306
